

ABSTRACT

A mobile data system having automated shutdown is mounted in a motor vehicle having a vehicle motor and a vehicle electrical power source. The vehicle electrical power source provides variable voltage electrical power to the motor vehicle and to the mobile data system. The mobile data system includes a system computer for informational data retrieval in response to user input queries, a system interface device, and a computer power supply. The computer power supply is electrically coupled with the vehicle electrical power source through the system interface device to convert the variable voltage electrical power to voltage regulated electrical power for operation of the system computer. The system interface device creates parameter comparison data, in response to which the system computer creates a system shutdown command. The system shut down command invokes shutdown of the mobile data system by interrupting transmission of the voltage regulated electrical power from the computer power supply to the system computer.